

```

PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTT      LLL
PPPPPPPPPPPPPP    AAAAAAAAAA      SSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTT      LLL
PPPPPPPPPPPPPP    AAAAAAAAAA      SSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTT      LLL
PPP              PPP  AAA          AAA  SSS              RRR              RRR              TTT              LLL
PPP              PPP  AAA          AAA  SSS              RRR              RRR              TTT              LLL
PPP              PPP  AAA          AAA  SSS              RRR              RRR              TTT              LLL
PPP              PPP  AAA          AAA  SSS              RRR              RRR              TTT              LLL
PPP              PPP  AAA          AAA  SSS              RRR              RRR              TTT              LLL
PPP              PPP  AAA          AAA  SSS              RRR              RRR              TTT              LLL
PPPPPPPPPPPPPP    AAA          AAA          SSSSSSSSSS      RRRRRRRRRRRR      TTT              LLL
PPPPPPPPPPPPPP    AAA          AAA          SSSSSSSSSS      RRRRRRRRRRRR      TTT              LLL
PPPPPPPPPPPPPP    AAA          AAA          SSSSSSSSSS      RRRRRRRRRRRR      TTT              LLL
PPP              AAAAAAAAAAAAAAAAAA          SSS              RRR              RRR              TTT              LLL
PPP              AAAAAAAAAAAAAAAAAA          SSS              RRR              RRR              TTT              LLL
PPP              AAAAAAAAAAAAAAAAAA          SSS              RRR              RRR              TTT              LLL
PPP              AAA          AAA          SSS              RRR              RRR              TTT              LLL
PPP              AAA          AAA          SSS              RRR              RRR              TTT              LLL
PPP              AAA          AAA          SSS              RRR              RRR              TTT              LLL
PPP              AAA          AAA          SSS              RRR              RRR              TTT              LLL
PPP              AAA          AAA          SSSSSSSSSSSS      RRR              RRR              TTT              LLLLLLLLLLLLLLLLLL
PPP              AAA          AAA          SSSSSSSSSSSS      RRR              RRR              TTT              LLLLLLLLLLLLLLLLLL
PPP              AAA          AAA          SSSSSSSSSSSS      RRR              RRR              TTT              LLLLLLLLLLLLLLLLLL

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```

PPPPPPPP      AAAAAA      SSSSSSSS  EEEEEEEEE  XX      XX  TTTTTTTTTT  EEEEEEEEE  RRRRRRRR  NN      NN
PPPPPPPP      AAAAAA      SSSSSSSS  EEEEEEEEE  XX      XX  TTTTTTTTTT  EEEEEEEEE  RRRRRRRR  NN      NN
PP      PP  AA      AA  SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      PP  AA      AA  SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      PP  AA      AA  SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      PP  AA      AA  SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PPPPPPPP      AA      AA  SSSSSS  EEEEEEEEE  XX      XX  TT      EEEEEEE  RRRRRRRR  NN      NN
PPPPPPPP      AA      AA  SSSSSS  EEEEEEEEE  XX      XX  TT      EEEEEEE  RRRRRRRR  NN      NN
PP      AAAAAAAAAA      SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      AAAAAAAAAA      SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      AA      AA  SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      AA      AA  SS      EE      XX      XX  TT      EE      RR      RR  NN      NN
PP      AA      AA  SSSSSSSS  EEEEEEEEE  XX      XX  TT      EEEEEEEEE  RR      RR  NN      NN
PP      AA      AA  SSSSSSSS  EEEEEEEEE  XX      XX  TT      EEEEEEEEE  RR      RR  NN      NN

```

```

RRRRRRRR      EEEEEEEEE  QQQQQQ
RRRRRRRR      EEEEEEEEE  QQQQQQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RRRRRRRR      EEEEEEEEE  QQ      QQ
RRRRRRRR      EEEEEEEEE  QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EEEEEEEEE  QQQQ  QQ
RR      RR  EEEEEEEEE  QQQQ  QQ

```


LINKAGE and EXTERNAL definitions for VAX-11 Pascal Run-Time Library
File: PASEXTERN.REQ, Edit: SBL1007

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Edit History:

- 1-001 - Created. SBL 1-April-1981
- 1-002 - Add PASS\$END READ. SBL 24-May-1982
- 1-003 - Make PASS\$CLOSE NOVALUE. SBL 28-June-1982
- 1-004 - Delete PASS\$K_INVFIESPE, no longer used. SBL 2-July-1982
- 1-005 - Add the symbol PASS\$VALIDATE PFV END. This is not a routine
but an address that PASS\$IO HANDLER uses to see if the PC of
an access violation was in PASS\$VALIDATE PFV. SBL 14-July-1982
- 1-006 - Add PASS\$GOTO HANDLER and PASS\$UNWIND GOTO. SBL 8-Feb-1983
- 1-007 - Add PASS\$AB_KEYWD_NAME_TABLE. SBL 19-Aug-1983

--

!+ Define linkages used for internal calls in the Pascal RTL support

! In these linkages, R6 is always used to pass the PFV and R7 is always
! used to pass the FCB.

LINKAGE

```
JSB_INIT_WRITE =  
  JSB (REGISTER=6, REGISTER=7; REGISTER=7):  
    NOTUSED(8,9,10,11) NOPRESERVE(2,3,4,5),  
JSB_END_WRITE =  
  JSB (REGISTER=6, REGISTER=7):  
    NOTUSED(4,5,8,9,10,11) NOPRESERVE(2,3),  
JSB_DO_WRITE =  
  JSB (REGISTER=6, REGISTER=7, REGISTER=8):  
    NOTUSED(9,10,11) NOPRESERVE(2,3,4,5),  
JSB_INIT_READ =  
  JSB (REGISTER=6, REGISTER=7; REGISTER=7):  
    NOTUSED(8,9,10,11) NOPRESERVE(2,3,4,5),  
JSB_END_READ =  
  JSB (REGISTER=6, REGISTER=7):  
    NOTUSED(0,1,2,3,4,5,8,9,10,11),  
JSB_VALIDATE_PFV =  
  JSB (REGISTER=6; REGISTER=7):  
    NOTUSED(3,4,5,8,9,10,11) NOPRESERVE(2),  
JSB_READ_UTIL =  
  JSB (REGISTER=6, REGISTER=7; REGISTER=4, REGISTER=5, REGISTER=7):  
    NOTUSED(9,10,11) NOPRESERVE(2,3,8),  
JSB_FIND_NON_BLANK =  
  JSB (REGISTER=6, REGISTER=7; REGISTER=7):  
    NOPRESERVE(2,3,8) NOTUSED(4,5,9,10,11),  
JSB_CLOSE_LOCAL =  
  JSB : PRESERVE(0,1) NOPRESERVE(2,3) NOTUSED(4,5,6,7,8,9,10,11),  
JSB_DO_READV =  
  JSB (REGISTER=6, REGISTER=2, REGISTER=3, REGISTER=4; REGISTER=0, REGISTER=1):  
    NOPRESERVE(2,3,4,6) NOTUSED(5,7,8,9,10,11),  
JSB_DO_WRITEV =  
  JSB (REGISTER=6, REGISTER=2, REGISTER=3, REGISTER=4, REGISTER=5):  
    NOPRESERVE(2,3,4,5,6) NOTUSED(7,8,9,10,11),  
JSB_GET =  
  JSB (REGISTER=6, REGISTER=7):  
    NOTUSED(4,5,8,9,10,11) NOPRESERVE(2,3),  
JSB_LOOK_AHEAD =  
  JSB (REGISTER=6, REGISTER=7; REGISTER=7):  
    NOTUSED(4,5,8,9,10,11) NOPRESERVE(2,3),  
JSB_OPEN_IMPLICIT =  
  JSB (REGISTER=6, REGISTER=7; REGISTER=7):  
    NOTUSED(3,4,5,8,9,10,11) NOPRESERVE(2),  
JSB_PROMPT_FILE =  
  JSB (REGISTER=6, REGISTER=7):  
    NOTUSED(2,3,4,5,8,9,10,11),  
JSB_WRITELN =  
  JSB (REGISTER=6, REGISTER=7):  
    NOTUSED(8,9,10,11) NOPRESERVE(2,3,4,5),  
CALL_VAL01 =
```

```

CALL (:REGISTER=0, REGISTER=1),
CALL_SAVEALL =
CALL : PRESERVE (0,1),
CALL_SIGNAL =
CALL (REGISTER=6),
CALL_OPEN =
CALL (:REGISTER=7),
CALL_VM =
CALL (REGISTER=6);

```


!+ Define all globals declared in all Pascal-specific BLISS modules and
!- those non-BLISS modules which are referenced by BLISS modules.

EXTERNAL ROUTINE

! Module PASS\$BIN
PASS\$BIN: NOVALUE,

! Module PASS\$CLOSE2
PASS\$CLOSE2: NOVALUE,
PASS\$CLOSE: NOVALUE,

! Module PASS\$CVTRT
PASS\$CVT_F_T,
PASS\$CVT_D_T,
PASS\$CVT_G_T,
PASS\$CVT_H_T,

! Module PASS\$EOF2
PASS\$EOF2,

! Module PASS\$EOLN2
PASS\$EOLN2,

! Module PASS\$DELETE
PASS\$DELETE: NOVALUE,

! Module PASS\$FILE_UTIL
PASS\$ADD_FILE: NOVALUE,
PASS\$REMOVE_FILE: NOVALUE,
PASS\$PROMPT_ALL: NOVALUE,
PASS\$PROMPT_FILE: JSB_PROMPT_FILE NOVALUE,
PASS\$CLOSE_ALL: NOVALUE,
PASS\$CLOSE_LOCAL R3: JSB_CLOSE_LOCAL NOVALUE,
PASS\$CLOSE_LOCAL: JSB_CLOSE_LOCAL NOVALUE,

! Module PASS\$FIND2
PASS\$FIND2: NOVALUE,

! Module PASS\$FINDK
PASS\$FINDK: NOVALUE,

! Module PASS\$GET
PASS\$GET: NOVALUE,
PASS\$GET_UNLOCK: NOVALUE,
PASS\$GET: JSB_GET NOVALUE,

! Module PASS\$GOTO
PASS\$GOTO: NOVALUE,
PASS\$GOTO_HANDLER,
PASS\$UNWIND_GOTO,

! Module PASS\$HALT
PASS\$HALT: NOVALUE,

```
! Module PASSHANDLER
  PASSHANDLER,

! Module PASSHEAP
  PASSNEW2,
  PASSDISPOSE2: NOVALUE,
  PASSMARK2,
  PASSRELEASE2: NOVALUE,

! Module PASSHEX
  PASSHEX: NOVALUE,

! Module PASS$IO HANDLER
  PASS$IO_HANDLER,

! Module PASSLINELIMIT2
  PASSLINELIMIT2: NOVALUE,

! Module PASSLOCATE
  PASSLOCATE: NOVALUE,

! Module PASSLOOK_AHEAD
  PASSLOOK_AHEAD: CALL_SAVEALL NOVALUE,
  PASS$LOOK_AHEAD: JSB_LOOK_AHEAD NOVALUE,

! Module PASSOCT
  PASSOCT: NOVALUE,

! Module PASSOPEN2
  PASSOPEN2: NOVALUE,
  PASS$OPEN: CALL_OPEN NOVALUE,
  PASS$OPEN_IMPLICIT: JSB_OPEN_IMPLICIT NOVALUE,

! Module PASSPAGE2
  PASSPAGE2: NOVALUE,

! Module PASSRAB
  PASSRAB,

! Module PASSREAD_BOOLEAN
  PASSREAD_BOOLEAN,
  PASSREADV_BOOLEAN,

! Module PASSREAD_CHAR
  PASSREAD_CHAR,
  PASSREADV_CHAR,

! Module PASSREADLN2
  PASSREADLN2: NOVALUE,
  PASS$INIT_READ: JSB_INIT_READ NOVALUE,
  PASS$END_READ: JSB_END_READ NOVALUE,
  PASS$DO_READV: JSB_DO_READV NOVALUE,

! Module PASS$READ_UTIL
  PASS$GET_UNSIGNED: JSB_READ_UTIL,
```


PASS\$GET_INTEGER: JSB_READ_UTIL,
PASS\$GET_REAL: JSB_READ_UTIL,
PASS\$GET_ENUMERATED: JSB_READ_UTIL,

! Module PASS\$READ_ENUMERATED
PASS\$READ_ENUMERATED,
PASS\$READV_ENUMERATED,

! Module PASS\$READ_INTEGER
PASS\$READ_INTEGER,
PASS\$READV_INTEGER,

! Module PASS\$READ_REAL_D
PASS\$READ_REAL_D: CALL_VAL01_NOVALUE,
PASS\$READV_REAL_D: CALL_VAL01_NOVALUE,

! Module PASS\$READ_REAL_F
PASS\$READ_REAL_F,
PASS\$READV_REAL_F,

! Module PASS\$READ_REAL_G
PASS\$READ_REAL_G: CALL_VAL01_NOVALUE,
PASS\$READV_REAL_G: CALL_VAL01_NOVALUE,

! Module PASS\$READ_REAL_H
PASS\$READ_REAL_H: NOVALUE,
PASS\$READV_REAL_H: NOVALUE,

! Module PASS\$READ_STRING1
PASS\$READ_STRING1: NOVALUE,

! Module PASS\$READ_STRING
PASS\$READ_STRING: NOVALUE,
PASS\$READV_STRING: NOVALUE,

! Module PASS\$READ_UNSIGNED
PASS\$READ_UNSIGNED,
PASS\$READV_UNSIGNED,

! Module PASS\$READ_VARYING
PASS\$READ_VARYING: NOVALUE,
PASS\$READV_VARYING: NOVALUE,

! Module PASS\$RESET2
PASS\$RESET2: NOVALUE,

! Module PASS\$RESETK
PASS\$RESETK: NOVALUE,

! Module PASS\$REWRITE2
PASS\$REWRITE2: NOVALUE,

! Module PASS\$\$SIGNAL
PASS\$\$SIGNAL: CALL_SIGNAL_NOVALUE,
PASS\$\$BUGCHECK: NOVALUE,


```
! Module PAS$STATUS
  PAS$STATUS,

! Module PAS$TRUNCATE
  PAS$TRUNCATE: NOVALUE,

! Module PAS$UFB
  PAS$UFB,

! Module PAS$UNLOCK
  PAS$UNLOCK: NOVALUE,

! Module PAS$UPDATE
  PAS$UPDATE: NOVALUE,

! Module PAS$$VALIDATE_PFV
  PAS$$VALIDATE_PFV: JSB_VALIDATE_PFV NOVALUE,

! Module PAS$VM
  PAS$$GET_VM: CALL_VM,
  PAS$$FREE_VM: NOVALUE,

! Module PAS$WRITE_BIN
  PAS$WRITE_BIN: NOVALUE,
  PAS$WRITEV_BIN: NOVALUE,

! Module PAS$WRITE_BOOLEAN
  PAS$WRITE_BOOLEAN: NOVALUE,
  PAS$WRITEV_BOOLEAN: NOVALUE,

! Module PAS$WRITE_CHAR
  PAS$WRITE_CHAR: NOVALUE,
  PAS$WRITEV_CHAR: NOVALUE,

! Module PAS$WRITE_ENUMERATED
  PAS$WRITE_ENUMERATED: NOVALUE,
  PAS$WRITEV_ENUMERATED: NOVALUE,

! Module PAS$WRITE_HEX
  PAS$WRITE_HEX: NOVALUE,
  PAS$WRITEV_HEX: NOVALUE,

! Module PAS$WRITE_INTEGER
  PAS$WRITE_INTEGER: NOVALUE,
  PAS$WRITEV_INTEGER: NOVALUE,

! Module PAS$WRITE_OCT
  PAS$WRITE_OCT: NOVALUE,
  PAS$WRITEV_OCT: NOVALUE,

! Module PAS$WRITE_REAL_D
  PAS$WRITE_REAL_D: NOVALUE,
  PAS$WRITEV_REAL_D: NOVALUE,

! Module PAS$WRITE_REAL_F
  PAS$WRITE_REAL_F: NOVALUE,
```



```
PASSWRITEV_REALF_F: NOVALUE,  
!  
! Module PASSWRITE REALE G  
  PASSWRITE_REALF_G: NOVALUE,  
  PASSWRITEV_REALF_G: NOVALUE,  
!  
! Module PASSWRITE REALE H  
  PASSWRITE_REALF_H: NOVALUE,  
  PASSWRITEV_REALF_H: NOVALUE,  
!  
! Module PASSWRITE REALF D  
  PASSWRITE_REALF_D: NOVALUE,  
  PASSWRITEV_REALF_D: NOVALUE,  
!  
! Module PASSWRITE REALF D1  
  PASSWRITE_REALF_D1: NOVALUE,  
!  
! Module PASSWRITE REALF F  
  PASSWRITE_REALF_F: NOVALUE,  
  PASSWRITEV_REALF_F: NOVALUE,  
!  
! Module PASSWRITE REALF F1  
  PASSWRITE_REALF_F1: NOVALUE,  
!  
! Module PASSWRITE REALF G  
  PASSWRITE_REALF_G: NOVALUE,  
  PASSWRITEV_REALF_G: NOVALUE,  
!  
! Module PASSWRITE REALF H  
  PASSWRITE_REALF_H: NOVALUE,  
  PASSWRITEV_REALF_H: NOVALUE,  
!  
! Module PASSWRITE STRING  
  PASSWRITE_STRING: NOVALUE,  
  PASSWRITEV_STRING: NOVALUE,  
!  
! Module PASSWRITELN2  
  PASSWRITELN2: NOVALUE,  
  PASSWRITELN: JSB_WRITELN NOVALUE,  
  PASS$INIT WRITE: JSB_INIT WRITE NOVALUE,  
  PASS$END WRITE: JSB_END WRITE NOVALUE,  
  PASS$DO_WRITEV: JSB_DO_WRITEV NOVALUE,  
!  
! Module PASSWRITE UNSIGNED  
  PASSWRITE_UNSIGNED: NOVALUE,  
  PASSWRITEV_UNSIGNED: NOVALUE,  
!  
! Module PASSWRITE VARYING  
  PASSWRITE_VARYING: NOVALUE,  
  PASSWRITEV_VARYING: NOVALUE;  
  
EXTERNAL  
  
! Module PASSFV INPUT  
  PASSFV_INPUT: $PASSPFV_FILE_VARIABLE WEAK,
```



```
! Module PASS$FV OUTPUT
  PASS$FV_OUTPUT: $PASS$PFV_FILE_VARIABLE WEAK,

! Module PASS$OPEN2
  PASS$GV_INPUT_OPENED: BYTE,
  PASS$GV_OUTPUT_OPENED: BYTE,
  PASS$AB_KEYWD_NAME_TABLE: VECTOR [PASS$K_OPEKEYHI+1, BYTE],

! Module PASS$READ_BOOLEAN
  PASS$GR_BOOLEAN_PETD: VECTOR [4, LONG];
```

```
EXTERNAL
! Module PASS$VALIDATE_PFV
  PASS$VALIDATE_PFV_END; ! Not a routine!
```

```
EXTERNAL LITERAL
! Module PASS$MSGDEF
  PASS$K_MSGV2LO: UNSIGNED(16),
  PASS$K_MSGCONTLO: UNSIGNED(16),
  PASS$K_MSGCONTHI: UNSIGNED(16),
  PASS$K_MSGPFVHI: UNSIGNED(16),
  PASS$K_MSGCHKBAS: UNSIGNED(16);
```

!+ Define non-Pascal routines called by Pascal RTL.
!-

EXTERNAL ROUTINE

LIB\$CVT_DTB,
LIB\$FREE_VM,
LIB\$GET_OPCODE,
LIB\$GET_VM,

OT\$SCVT_L_TB,
OT\$SCVT_L_TI,
OT\$SCVT_L_TO,
OT\$SCVT_L_TZ,
OT\$SCVT_TB_L,
OT\$SCVT_TI_L,
OT\$SCVT_TO_L,
OT\$SCVT_TZ_L,
OT\$SCVT_T_F,
OT\$SCVT_T_D,
OT\$SCVT_T_G,
OT\$SCVT_T_H;

!+ Define condition codes used by Pascal RTL routines.
!-

EXTERNAL LITERAL

! Errors signalled with \$PASSIO_ERROR

PASSK_ACCMETINC:	UNSIGNED(8),
PASSK_AMBVALENU:	UNSIGNED(8),
PASSK_CURCOMUND:	UNSIGNED(8),
PASSK_DELNOTALL:	UNSIGNED(8),
PASSK_ERRDURCLO:	UNSIGNED(8),
PASSK_ERRDURDEL:	UNSIGNED(8),
PASSK_ERRDURGET:	UNSIGNED(8),
PASSK_ERRDURFIN:	UNSIGNED(8),
PASSK_ERRDUROPE:	UNSIGNED(8),
PASSK_ERRDURPRO:	UNSIGNED(8),
PASSK_ERRDURPUT:	UNSIGNED(8),
PASSK_ERRDURRES:	UNSIGNED(8),
PASSK_ERRDURREW:	UNSIGNED(8),
PASSK_ERRDURTRU:	UNSIGNED(8),
PASSK_ERRDURUNL:	UNSIGNED(8),
PASSK_ERRDURUPD:	UNSIGNED(8),
PASSK_ERRDURWRI:	UNSIGNED(8),
PASSK_FAIGETLOC:	UNSIGNED(8),
PASSK_FILALRCLO:	UNSIGNED(8),
PASSK_FILALROPE:	UNSIGNED(8),
PASSK_FILNAMREQ:	UNSIGNED(8),
PASSK_FILNOTOPE:	UNSIGNED(8),
PASSK_FILNOTTEX:	UNSIGNED(8),
PASSK_FILNOTFOU:	UNSIGNED(8),
PASSK_FILNOTKEY:	UNSIGNED(8),
PASSK_FILNOTINS:	UNSIGNED(8),
PASSK_FILNOTDIR:	UNSIGNED(8),
PASSK_FILNOTGEN:	UNSIGNED(8),
PASSK_FILNOTSEQ:	UNSIGNED(8),
PASSK_GETAFTEOF:	UNSIGNED(8),
PASSK_GENNOTALL:	UNSIGNED(8),
PASSK_KEYNOTDEF:	UNSIGNED(8),
PASSK_KEYDEFINC:	UNSIGNED(8),
PASSK_KEYCHANOT:	UNSIGNED(8),
PASSK_KEYDUPNOT:	UNSIGNED(8),
PASSK_KEYVALINC:	UNSIGNED(8),
PASSK_INSNOTALL:	UNSIGNED(8),
PASSK_INSVIRMEM:	UNSIGNED(8),
PASSK_INVARGPAS:	UNSIGNED(8),
PASSK_INVFILVAR:	UNSIGNED(8),
PASSK_INVFILSYN:	UNSIGNED(8),
PASSK_INVKEYDEF:	UNSIGNED(8),
PASSK_INVRECIO:	UNSIGNED(8),
PASSK_INVRECLN:	UNSIGNED(8),
PASSK_INVSYNINT:	UNSIGNED(8),
PASSK_INVSYNREA:	UNSIGNED(8),
PASSK_INVSYNENU:	UNSIGNED(8),
PASSK_INVSYNUNS:	UNSIGNED(8),

```
PASSK_LINTOOLON:  UNSIGNED(8),
PASSK_LINVALEXC:  UNSIGNED(8),
PASSK_NEGWIDDIG:  UNSIGNED(8),
PASSK_NOTVALTYP:  UNSIGNED(8),
PASSK_ORGSPEINC:  UNSIGNED(8),
PASSK_RECLEINIC:  UNSIGNED(8),
PASSK_RECTYPINC:  UNSIGNED(8),
PASSK_RESNOTALL:  UNSIGNED(8),
PASSK_REWNOTALL:  UNSIGNED(8),
PASSK_SEQNOTALL:  UNSIGNED(8),
PASSK_TEXREQSEQ:  UNSIGNED(8),
PASSK_TRUNOTALL:  UNSIGNED(8),
PASSK_UPDNOTALL:  UNSIGNED(8),
PASSK_WRIINVENU:  UNSIGNED(8),
```

! Errors signalled with LIB\$STOP

```
PASS_BUGCHECK,
PASS_CONTINUE,
PASS_ERRDURDIS,
PASS_ERRDURMAR,
PASS_ERRDURNEW,
PASS_ERRDURREL,
PASS_FILALRACT,
PASS_GOTO,
PASS_GOTOFAILED,
PASS_HALT,
PASS_INVFILVAR,
PASS_NEGDIGARG,
```

```
PASS_ARRINDVAL,
PASS_BASE,
PASS_FACILITY:
PASSR_IGNORE:
```

! Used by PASSHANDLER

```
UNSIGNED(6),
UNSIGNED(6);
```

! Used by PASSHANDLER

! End of PASEXTERN.REQ

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